

Notice of Allowability

Application No.

10/629,791

Examiner

Shelley Self

Applicant(s)

CHUANG, BOR YANN

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 3/9/05.
2. ☒ The allowed claim(s) is/are 7-12.
3. ☒ The drawings filed on 09 March 2005 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input checked="" type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |



DERRIS H. BANKS
SUPERVISORY PATENT EXAMINER
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DETAILED ACTION

Drawings

The drawings were received on March 9, 2005. The Examiner accepts these drawings.

Response to Amendment

The amendment filed on March 9, 2005 has been considered and is sufficient to place the application in condition for allowance.

Allowable Subject Matter

Claims 7-12 are allowed.

The following is an Examiner's statement of reasons for allowance: The prior art of record does not disclose or fairly suggest a locking device for a plane machine comprising: *first and second rod bases, an actuating rod inserted through each of the first and second rod bases, first and second side bases, each of the first and second side bases having two urging blocks located between and selectively engaging two posts of the four posts* in combination with the rest of the positively claimed limitations as set forth in claim 7.

The prior art of record, Chang (6.516.684) discloses a locking device (L) for a plane machine (fig. 3). Chang discloses a plane having a base (20), four guide posts (21), a hand wheel (13) and a locking device having a seat (10) and four tubes (11), each tube having a hole through which a respective guide post (21) extends. Additionally, Chang discloses the locking mechanism to have two connecting rods (30) received in the seat (10) and two locking members (40) engaging a threaded portion of the connecting rods (30), a lever (50) and two elastic

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elements (54). Chang discloses that when the lever (50) is operating, the connecting rods (30) move simultaneously allowing the seat (10) to be vertically adjusted. Chang teaches that when the seat (10) is at the desired level, the lever (50) is pivoted clockwise and the ends of the elastic elements (54) press against the locking members (40) to thereby clamp the left and right post (21) members. Therefore, Chang teaches that the tubes (11) of the seat (10) synchronously clamp the guide posts (21) via movement of the connecting rods (30) and lever (50). Chang does not disclose first and second side bases having two urging blocks as set forth in claim 7. Thus Chang fails to anticipate or render obvious the claimed invention.

The prior art reference, Garcia discloses a plane machine (fig. 1-7) having a table/base (30), four guide posts (40,42,44,46) and seat or cutterhead (50,80) that is vertically adjustable relative to the machine table/base (30) via a hand wheel (67) and spindles (66, 68). Garcia discloses a locking mechanism (100) so as to lock the seat/cutterhead (50,80) at a desired height. Garcia discloses the locking mechanism to comprise a locking rod and bar (110, 120), locking plates (70, 74) including forks (71, 72, 75, 76), a lever (118, 119), such that when the lever is rotated/pivoted a locking nut (140) is either tightened or loosened depending on the direction in which the lever (118, 119) is rotated/pivoted. Garcia does not disclose first and second side bases and each first and second side bases having two urging blocks as set forth in claim 7. Accordingly, Garcia fails to anticipate or render obvious the claimed invention.

Further, the prior art reference, Liao (5,829,499) discloses locking device for a plane a machine (fig. 5-8). Liao discloses plane machine having a base (20) and seat (30) vertically adjustable relative to the machine base. Liao discloses a locking device/unit comprising sleeve (60) lever (61) cam units (62, 63) and links (70, 80), wherein the links are disposed on first and

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second sides of the machine and are directly associated with threaded rods (22, 23). Liao discloses that when the seat (30) is at a desired level, the lever (61) is operated/rotated such that links (70,80) are pulled together for tight engagement with the guide posts (21) so as to lock the seat (30). Liao does not disclose first and second side bases each having two urging blocks. Accordingly, Liao fails to anticipate or render obvious the claimed invention as set forth in claim 7.

Neither the prior art of record alone or in combination discloses the claimed invention as set forth in claim 7, thus claims 7-12 are allowable over the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


Conclusion


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shelley Self whose telephone number is (571) 272-4524. The examiner can normally be reached Mon-Fri from 8:30am to 5:00pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's Supervisor, Derris Banks can be reached at (571) 272-4419. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9306 for regular and After Final communications.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications

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may be obtained from either Private PAIE or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

SSelf 
June 21, 2009


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